

Access Free Migration Citizenship And The Challenge For Security An Ethnographic Approach Palgrave Studies In International Pdf Free Copy

Security in Smart Cities: Models, Applications, and Challenges Nov 10 2021 This book offers an essential guide to IoT Security, Smart Cities, IoT Applications, etc. In addition, it presents a structured introduction to the subject of destination marketing and an exhaustive review on the challenges of information security in smart and intelligent applications, especially for IoT and big data contexts. Highlighting the latest research on security in smart cities, it addresses essential models, applications, and challenges. Written in plain and straightforward language, the book offers a self-contained resource for readers with no prior background in the field. Primarily intended for students in Information Security and IoT applications (including smart cities systems and data heterogeneity), it will also greatly benefit academic researchers, IT professionals, policymakers and legislators. It is well suited as a reference book for both undergraduate and graduate courses on information security approaches, the Internet of Things, and real-world intelligent applications.

Managing Security Jan 24 2023 This textbook is designed to be used by those tackling the complex and challenging issues of security sector reform (SSR). The questions of 'What is security?' and 'How can governments deliver it in the most efficient and effective manner?' are central to this volume. The text explores the ways in which security might be achieved, providing readers with the guiding principles of governance and management. Principles are illustrated through reference to the experiences of countries engaged in reform of their security institutions, allowing the reader to identify continuities and discontinuities in the process of change within the security sector. Written by practitioners for practitioners, the book provides readers with a framework with which to assess and respond to first-, second- and third-generation issues within SSR. All chapters include an introduction to the topic, empirical case studies, and exercises to encourage readers to reflect upon their own experiences of governing and managing security. This book will be of much interest to students of security studies, defence management and defence policy, as well as to practitioners in the field of security management.

Cloud Security May 04 2021 Cloud computing has gained paramount attention and most of the companies are adopting this new paradigm and gaining significant benefits. As number of applications and business operations are being facilitated by the cloud computing paradigm, it has become the potential target to attackers. The importance of well-organized architecture and security roles have become greater with the growing popularity. Cloud Security: Attacks, Techniques, Tools, and Challenges, provides an in-depth technical description about various key essential aspects of cloud security. We have endeavored to provide a technical foundation that will be practically useful not just for students and independent researchers but also for professional cloud security analysts for conducting security procedures, and all those who are curious in the field of cloud security The book offers comprehensive coverage of the most essential topics, including: Basic fundamentals of Cloud Computing Cloud security concepts, vulnerabilities, security standards and reference models Cloud security goals, key issues and privacy requirements Threat model, detailed taxonomy of cloud attacks, Attack feature analysis – case study A detailed taxonomy of IDS techniques and Cloud Intrusion Detection Systems (IDS) Attack and security tools, LibVMI – case study Advanced approaches: Virtual Machine Introspection (VMI) and Hypervisor Introspection (HVI) Container security: threat model, attacks and defense systems This book is intended for both academic and professional audience. It could also be used as a textbook, for a semester course at undergraduate and post graduate level in Computer Science, Information Technology, Information Security, and Information Science & Management. The book serves as basic reference volume for researchers in cloud security. It will be useful to practitioners, cloud security team, and the cloud security auditor as well. To get the most out of this book, the reader should have a working knowledge of various operating system environments, hypervisors, cloud computing fundamentals, programming languages like Python and a working knowledge of security tools.

Global Challenges in Maritime Security Oct 21 2022 From pirates to smugglers, migrants to hackers, from stolen fish to smuggled drugs, the sea is becoming a place of increasing importance on the global agenda as criminals use it as a theatre to conduct their crimes unfettered. This volume sets out to provide an introduction to the key issues of pertinence in Maritime Security today. It demonstrates why the sea is a space of great strategic importance, and how threats to security at sea have a real impact for people around the world. It examines an array of challenges and threats to security playing out at sea, including illegal, unreported and unregulated fishing, irregular migration, piracy, smuggling of illicit goods, and cyber security, while also looking at some of the mechanism and role-players involved in addressing these perils. Each chapter provides an overview of the issue it discusses and provides a brief case study to illustrate how this issue is playing out in real-life. This book thus allows readers an insight into this evolving multidisciplinary field of study. As such, it makes for an informative read for academics and practitioners alike, as well as policymakers and students, offering a well-rounded introduction of the main issues in current Maritime Security.

Cyber Security And Supply Chain Management: Risks, Challenges, And Solutions Sep 27 2020 What are the cyber vulnerabilities in supply chain management? How can firms manage cyber risk and cyber security challenges in procurement, manufacturing, and logistics? Today it is clear that supply chain is often the core area of a firm's cyber security vulnerability, and its first line of defense. This book brings together several experts from both industry and academia to shine light on this problem, and advocate solutions for firms operating in this new technological landscape. Specific topics addressed in this book include: defining the world of cyber space, understanding the connection between supply chain management and cyber security, the implications of cyber security and supply chain risk management, the 'human factor' in supply chain cyber security, the executive view of cyber security, cyber security considerations in procurement, logistics, and manufacturing among other areas.

The Challenge to NATO Jun 17 2022 The Challenge to NATO is a concise review of NATO, its relationship with the United States, and its implications for global security.

Security Challenges in the Euro-Med Area in the 21st Century Feb 19 2020 This book provides an empirical analysis of security challenges in the Euro-Mediterranean area and highlights the political, military, economic, societal and environmental issues that are already serving as a source of instability in the region.

Views Oct 17 2019

Security Intelligence Aug 19 2022 Similar to unraveling a math word problem, Security Intelligence: A Practitioner's Guide to Solving Enterprise Security Challenges guides you through a deciphering process that translates each security goal into a set of security variables, substitutes each variable with a specific security technology domain, formulates the equation that is the deployment strategy, then verifies the solution against the original problem by analyzing security incidents and mining hidden breaches, ultimately refines the security formula iteratively in a perpetual cycle. You will learn about: Secure proxies – the necessary extension of the endpoints Application identification and control – visualize the threats Malnets – where is the source of infection and who are the pathogens Identify the security breach – who was the victim and what was the lure Security in Mobile computing – SNAFU With this book, you will be able to: Identify the relevant solutions to secure the infrastructure Construct policies that provide flexibility to the users so to ensure productivity Deploy effective defenses against the ever evolving web threats Implement solutions that are compliant to relevant rules and regulations Offer insight to developers who are building new security solutions and products

The Russian Challenge to the European Security Environment Jan 12 2022 "Roger Kanet, a respected expert on the Soviet Union and post-Soviet Russia, has assembled a stellar team of scholars, from Russia and the West, to examine Russia's policy toward Europe. The individual chapters offer well-researched, provocative, and contrasting assessments, using theoretical frameworks ranging from realism to constructivism. Russia's annexation of Crimea and support for the rebellion in Ukraine's east have ignited a heated debate over the motivations and objectives shaping Russian policy in Europe. That makes this superb volume particularly timely." –Rajan Menon, Anne and Bernard Spitzer Chair in Political Science, The City College of New York, USA This edited collection examines the factors that have contributed to the growing conflict in Eurasia between the Russian Federation and the European Union and the United States. The individual chapters, written by authors with different national backgrounds, highlight the factors that have contributed to the emerging competition between the two sides that has culminated in the confrontation over Ukraine and Syria. It also deals with questions concerning the possible emergence of a new security environment in Europe and Eurasia.

Exploring the Security Landscape: Non-Traditional Security Challenges Feb 25 2023 This book provides international perspective for those studying or working in the security domain, from enforcement to policy. It focuses on non-traditional threats in a landscape that has been described as transnational in nature and incorporates natural disasters, gang violence, extremism and terrorism, amongst other issues. Chapters provide innovative thinking on themes including cyber security, maritime security, transnational crime, human security, globalization and economic security. Relevant theoretical frameworks are presented and readers are expertly guided through complex threats, from matters pertaining to health security which pose threats not only to humans but also have significant national security implications, to issues regarding critical infrastructure vulnerability and the complexity of understanding terrorist operations. Authors reveal how emerging uncertainties regarding global critical infrastructure and supply chain security, food security, and health security are linked to the notion of human security. Security professionals, policy makers and academics will all gain from the insights, strategies and perspectives in this book. It builds understanding of the deepening and broadening domain of security studies and provides a valuable reference text for courses on security studies and international relations.

National Security in the Digital Age May 16 2022 In this pioneering study, Sushma Devi explores the place of cybersecurity within the larger international debate on security issues. She argues that it is important to begin placing cybersecurity in the context of national security matters since the issues are most often relegated to technology debates. *National Security in the Digital Age *argues that cyber threats can be viewed as national security matters and therefore should be relevant to the security studies field and should be analyzed using security studies theories. It also highlights the policy and institutional responses to cybersecurity challenges undertaken by the government of India. Unexplored security issues frequently identified in the world today, including those in a critical region of international conflict, are thus central to this book. The use of internet is rapidly expanding and has become the core component of everyday society. Yet easy access to data brings along severe security issues. The large number of attacks in recent years have had serious economic and social consequences, resulting in state officials all over the world acknowledging the importance of effective cybersecurity. Nevertheless, implementing effective measures to secure cyberspace remains difficult. A cyber threat has the potential to breach all levels of security very quickly due to the speed with which actions can occur and the extent of our interconnectedness. For a geopolitical realist, states play a central role in addressing cyber threats to national security because they remain the actors with the power and authority to improve defenses against most existential cyber threats. While private sector actors in most countries are critical to security in cyberspace, the threat agents can be criminals, hackers, terrorists, and nation-states. The potential victims at risk from these threats are equally diverse. Threat actors often target personal information to commit fraud, an act that can, in the inter-connected world of cyberspace, make all individuals in a nation potential victims. Herein lies the complexity of analyzing the inflow/outflow of information across borders and the ramification of this analysis for national security.

Security and Privacy in the Internet of Things: Challenges and Solutions Jul 26 2020 The Internet of Things (IoT) can be defined as any network of things capable of generating, storing and exchanging data, and in some cases acting on it. This new form of seamless connectivity has many applications: smart cities, smart grids for energy management, intelligent transport, environmental monitoring, healthcare systems, etc. and EU policymakers were quick to realize that machine-to-machine communication and the IoT were going to be vital to economic development. It was also clear that the security of such systems would be of paramount importance and, following the European Commission's Cybersecurity Strategy of the European Union in 2013, the EU's Horizon 2020 programme was set up to explore available options and possible approaches to addressing the security and privacy issues of the IoT. This book presents 10 papers which have emerged from the research of the Horizon 2020 and CHIST-ERA programmes, and which address a wide cross-section of projects ranging from the secure management of personal data and the specific challenges of the IoT with respect to the GDPR, through access control within a highly dynamic IoT environment and increasing trust with distributed ledger technologies, to new cryptographic approaches as a counter-measure for side-channel attacks and the vulnerabilities of IoT-based ambient assisted living systems. The security and safety of the Internet of Things will remain high on the agenda of policymakers for the foreseeable future, and this book provides an overview for all those with an interest in the field.

Challenges to Security in Space Apr 03 2021 Today, space has become a seamless part of many military and civilian activities. The advantages the United States holds in space capabilities will drive some nations to improve their abilities to access and operate in space. Moreover, some actors will seek counterspace capabilities that target the perceived United States and allied reliance on space, including the ability to use secure satellite communications, precision strike capabilities, and ISR assets. As the number of spacefaring nations grows and as some actors integrate space and counterspace capabilities into military operations, these trends will pose a challenge to U.S. space dominance and present new risks for assets on orbit.

Conflict and Cooperation in Cyberspace Dec 23 2022 *Conflict and Cooperation in Cyberspace: The Challenge to National Security* brings together some of the world's most distinguished military leaders, scholars, cyber operators, and policymakers in a discussion of current and future challenges that cyberspace poses to the United States and the world. Maintaining a focus on policy-relevant solutions, it offers a well-reasoned study of how to prepare for war, while attempting to keep the peace in the cyberspace domain. The discussion begins with thoughtful contributions concerning the attributes and importance of cyberspace to the American way of life and global prosperity. Examining the truths and myths behind recent headline-grabbing malicious cyber activity, the book spells out the challenges involved with establishing a robust system of monitoring, controls, and sanctions to ensure cooperation amongst all stakeholders. The desire is to create a domain that functions as a trusted and resilient environment that fosters cooperation, collaboration, and commerce. Additionally, the book: Delves into the intricacies and considerations cyber strategists must contemplate before engaging in cyber war Offers a framework for determining the best ways to engage other nations in promoting global norms of behavior Illustrates technologies that can enable cyber arms control agreements Dispels myths surrounding Stuxnet and industrial control systems General Michael V. Hayden, former director of the National Security Agency and the Central Intelligence Agency, begins by explaining why the policymakers, particularly those working on cyber issues, must come to understand the policy implications of a dynamic domain. Expert contributors from the Air Force Research Institute, MIT, the Rand Corporation, Naval Postgraduate School, NSA, USAF, USMC, and others examine the challenges involved with ensuring improved cyber security. Outlining the larger ethical, legal, and policy challenges facing government, the private sector, civil society, and individual users, the book offers plausible solutions on how to create an environment where there is confidence in the ability to assure national security, conduct military operations, and ensure a vibrant and stable global economy.

Information Security Feb 01 2021

Energy Security Nov 17 2019 The geopolitics of oil and gas have made a spectacular return to the international political agenda. The European Union (EU) has recognized the importance of incorporating energy security more systematically into foreign policy. It has committed itself to pursuing an energy security policy based on market interdependence, European unity and long-term governance improvements in producer states. In offering the first broad, global assessment of the foreign policy dimensions of EU energy security, this book considers how far these commitments have been implemented. Examining how the EU's general approach to energy security has played out in the specific political contexts of different countries and regions, distinctive features of the book include: a thorough analysis of current EU strategies towards energy security, assessing the EU as an international actor a key focus on the governance structures of producer states including the Middle East; Russia, Central Asia and the Caspian, and Sub-Saharan Africa a major addition to debates surrounding markets and geopolitics, informing both international relations and international political economy This book will be of interest to students, scholars and policy makers in the fields of European/EU Politics, energy politics, foreign policy and International Relations.

Inherent and Contemporary Challenges to African Security Jan 20 2020 This book presents a unique, comprehensive yet accessible look at security in Africa. The author provides a comprehensive review of the key security issues in Africa and offers a contemporary investigation into what security in Africa will mean for the future of Security Studies. It focuses on contemporary yet inherent security challenges facing the continent. It engages with International Relation theories, security literature and primary data from Cameroon (related to other African case studies), to situate African Security Studies in International Relations and develop a concept of security for African Security Studies. It will be essential reading for students, analysts and policy makers specializing in International Relations, Sociology, African Studies and Development Studies.

Internet of Things Security Aug 27 2020 Most of the devices in the Internet of Things will be battery powered sensor devices. All the operations done on battery powered devices require minimum computation. Secure algorithms like RSA become useless in the Internet of Things environment. Elliptic curve based cryptography emerges as a best solution for this problem because it provides higher security in smaller key size compare to RSA. This book focuses on the use of Elliptic Curve Cryptography with different authentication architectures and authentication schemes using various security algorithms. It also includes a review of the math required for security and understanding Elliptic Curve Cryptography.

The Challenge of Stability and Security in West Africa Sep 20 2022 Since independence, the West African sub-region has been an arena for a number of large-

scale conflicts and civil wars, as well as simmering and low-intensity uprisings. Contrary to perceptions, West Africa in its post-independence history has experienced fewer conflict events and fatalities from conflict than the other sub-regions on the continent. The turn of the millennium has witnessed the recession of large-scale and conventional conflict, and it has ushered in new and emerging threats. The specters of religious extremism, maritime piracy, and narcotics trafficking threaten to undermine some of the progress achieved in recent years. *The Challenge of Stability and Security in West Africa* critically examines the key drivers of conflict and violence, and the way in which they impact the countries of the sub-region. In addition to emerging threats, these drivers include the challenges of youth inclusion, migration, sub-regional imbalances, and extractives, as well as challenges related to the fragility of political institutions and managing the competition for power, reform of the security sector, and weakness of institutions related to land management. The book explores how the sub-region, under the auspices of the regional organization ECOWAS, has become a pioneer on the continent in terms of addressing regional challenges. *The Challenge of Stability and Security in West Africa* also identifies key lessons in the dynamics of resilience in the face of political violence and civil war drawn from Côte d'Ivoire, Liberia, and Sierra Leone, that can be useful for countries around the world in similar situations. It incorporates knowledge and findings from leading experts and provides insights from academics and development practitioners. Finally, the book identifies possible policy and programmatic responses and directions for policy dialogue at the national and international levels.

New Challenges to Food Security Feb 13 2022 Food security is high on the political agenda. Fears about societal insecurity due to food price increases and hunger, grave scenarios regarding the effects of climate change and general uncertainty about the impacts of investments in biofuels and so-called "land grabbing" on food prices and availability have meant that food security is now recognised as being a multifaceted challenge. This book is unique in that it will bring together analyses of these different factors that impact on food security. This volume will describe a range of different perspectives on food security, with an emphasis on the various meanings that are applied to food security "crisis". The challenges to be reviewed include market volatility, climate change and state fragility. Analyses of responses to food security crises and risk will cover rural and urban contexts, arenas of national policy formation and global food regimes, and investment in land and productive technologies. This book is unique in two respects. First, it takes a step back from the normative literature focused on specific factors of, for example, climate change, agricultural production or market volatility to look instead at the dynamic interplay between these new challenges. It helps readers to understand that food security is not one discourse, but is rather related to how these different factors generate multiple risks and opportunities. Second, through the case studies the book particularly emphasises how these factors come together at local levels as farmers, entrepreneurs, consumers, local government officials and others are making key decisions about what will be done to address food security and whose food security will be given priority. The book will explore how food production and consumption is embedded in powerful political and market forces and how these influence local actions.

China's Challenges to Human Security Jul 18 2022 This book looks at human security in China's foreign relations. It discusses the concept and theory of human security, and their implications for China. The book goes on to analyse environmental security issues, including climate change and water resources, as well as looking at issues from an energy consumption perspective. Significant human security issues are then focussed on, including food safety, pandemic disease control, migration, and the human rights implications of China's overseas investment.

Coping with Global Environmental Change, Disasters and Security May 24 2020 *Coping with Global Environmental Change, Disasters and Security - Threats, Challenges, Vulnerabilities and Risks* reviews conceptual debates and case studies focusing on disasters and security threats, challenges, vulnerabilities and risks in Europe, the Mediterranean and other regions. It discusses social science concepts of vulnerability and risks, global, regional and national security challenges, global warming, floods, desertification and drought as environmental security challenges, water and food security challenges and vulnerabilities, vulnerability mapping of environmental security challenges and risks, contributions of remote sensing to the recognition of security risks, mainstreaming early warning of conflicts and hazards and provides conceptual and policy conclusions.

Artificial Intelligence and Security Challenges in Emerging Networks Oct 29 2020 The recent rise of emerging networking technologies such as social networks, content centric networks, Internet of Things networks, etc, have attracted significant attention from academia as well as industry professionals looking to utilize these technologies for efficiency purposes. However, the allure of such networks and resultant storage of high volumes of data leads to increased security risks, including threats to information privacy. *Artificial Intelligence and Security Challenges in Emerging Networks* is an essential reference source that discusses applications of artificial intelligence, machine learning, and data mining, as well as other tools and strategies to protect networks against security threats and solve security and privacy problems. Featuring research on topics such as encryption, neural networks, and system verification, this book is ideally designed for ITC procurement managers, IT consultants, systems and network integrators, infrastructure service providers, computer and software engineers, startup companies, academicians, researchers, managers, and students.

Human and National Security Jul 06 2021 Deliberately challenging the traditional, state-centric analysis of security, this book focuses on subnational and transnational forces—religious and ethnic conflict, climate change, pandemic diseases, poverty, terrorism, criminal networks, and cyber attacks—that threaten human beings and their communities across state borders. Examining threats related to human security in the modern era of globalization, Revere and Mahoney-Norris argue that human security is national security today, even for great powers. This fully updated second edition of *Human and National Security: Understanding Transnational Challenges* builds on the foundation of the first (published as *Human Security in a Borderless World*) while also incorporating new discussions of the rise of identity politics in an increasingly connected world, an expanded account of the actors, institutions, and approaches to security today, and the ways diverse global actors protect and promote human security. An essential text for security studies and international relations students, *Human and National Security* not only presents human security challenges and their policy implications, it also highlights how governments, societies, and international forces can, and do, take advantage of possibilities in the contemporary era to develop a more stable and secure world for all.

Understanding Emerging Security Challenges Nov 22 2022 This book offers an overview of emerging security challenges in the global environment in the post-Cold War era. After the fall of the Berlin Wall and the subsequent shifting of international political environment, a new broader concept of security began to gain acceptance. This concept encompassed socio-economic-environmental challenges, such as resource scarcity and climate change, water-sharing issues, deforestation and forest protection measures, food and health security, and large population migration. The book examines the causes and consequences of these emerging security threats, and retains a critical focus on evolving approaches to address these issues. The author attempts to develop a framework for sustainable security in a rapidly changing global political landscape, which seeks to bring states and societies together in a way that addresses weaknesses of the evolving international system. Moreover, through a detailed analysis of the emerging security issues and their pathways, the book further argues that the evolving processes not only pose critical challenges but also provide remarkable opportunity for cooperation and collaboration among and within various stakeholders. This book will be of much interest to students of global security, war and conflict studies, peace studies and IR in general.

West Africa's Security Challenges Dec 19 2019 Provides a context for understanding West Africa's security dilemmas, highlighting the link between failures of economic development, governance, and democratization on the one hand and military insecurity and violent conflicts on the other.

Security Challenges and Approaches in Internet of Things Dec 11 2021 This book provides a comprehensive survey of the security and privacy research advancements in Internet of Things (IoT). The book lays the context for the discussion by introducing a system model for IoT. Since IoT is very varied and has been introduced in many different contexts, the system model introduced plays a crucial role in integrating the concepts into a coherent framework. After the system model, the book introduces the vulnerable features of the IoT. By providing a comprehensive discussion of the vulnerable features, the book highlights the problem areas of IoT that should be studied concerning security and privacy. Using the vulnerable features as a motivation, the book presents a vast survey of existing security and privacy approaches for IoT. The survey is a good way for the reader to pick up interesting directions of research that have already been explored and also hints at directions that could take additional investigation. Finally, the book presents four case studies that provide a detailed view of how some of the security and privacy concerns are addressed in specific problem areas.

Privacy and Security Challenges in Location Aware Computing Sep 08 2021 Location-aware computing is a technology that uses the location (provides granular geographical information) of people and objects to derive contextual information. Today, one can obtain this location information free of cost through smartphones. Smartphones with location enabled applications have revolutionized the ways in which people perform their activities and get benefits from the automated services. It especially helps to get details of services in less time; wherever the user may be and whenever they want. The need for smartphones and location enabled applications has been growing year after year. Nowadays no one can leave without their phone; the phone seemingly becomes one of the parts of the human body. The individual can now be predicted by their phone and the identity of the phone becomes the person's identity. Though there is a tremendous need for location-enabled applications with smartphones, the debate on privacy and security related to location data has also been growing. Privacy

and Security Challenges in Location Aware Computing provides the latest research on privacy enhanced location-based applications development and exposes the necessity of location privacy preservation, as well as issues and challenges related to protecting the location data. It also suggests solutions for enhancing the protection of location privacy and therefore users' privacy as well. The chapters highlight important topic areas such as video surveillance in human tracking/detection, geographical information system design, cyberspace attacks and warfare, and location aware security systems. The culmination of these topics creates a book that is ideal for security analysts, mobile application developers, practitioners, academicians, students, and researchers.

Reaffirming the U.S. Commitment to Refugees Oct 09 2021 The current refugee crisis poses a strategic challenge for the United States. Since 1945, Europe has been America's most strategic ally and most important trading partner, and the United States will be weakened if Europe emerges from the refugee crisis divided; however, the U.S., considered a global leader, has so far remained a bystander to the migration, despite the fact that it has ramifications of a global nature. Reaffirming the U.S. Commitment to Refugees: A Challenge to Security and Engagement examines the emerging role of the new U.S. administration in this refugee crisis. It argues that U.S. refugee policy must strengthen, not weaken, the security of its citizens, and that a broad American constituency can be mobilized in support of a generous and humane refugee policy if such a policy is presented as both a humanitarian and a strategic imperative. If the U.S. allows fear to dictate policy, terrorism will win, but if it gives refugees hope, its alliances will be strengthened and national security enhanced.

National Security in Saudi Arabia Jun 05 2021 Reveals recent progress in Saudi reform efforts and formulates a plan to forge a true strategic partnership with the United States for the future.

The Challenge of Food Security Apr 15 2022 'The Challenge of Food Security addresses one of the key development challenges of our time. It examines issues related to food security in a comprehensive manner that covers both theoretical perspectives and policy challenges. It will be a key reference book for anyone interested in issues related to food security.' Philippe Cullet, University of London, UK 'This is a timely book which addresses one of the greatest challenges for international regulation: food security. The book is a comprehensive treatment of various aspects of food security from its origins to the relationship between food security and other values, the role that commodity trading plays in exacerbating food insecurity, the importance of adequate food governance, together with specific food security problems like fish, water and genetic resources. The editors should be congratulated on a stimulating collection of essays that brings together a diverse range of scholars and which sheds real light on the complex dimensions of the food security debate.' Fiona Smith, University College London, UK This timely study addresses the pressing issue of food security through a range of interdisciplinary contributions, providing both scholarly and policy-making perspectives. It sets the discussion on food security within the little-studied context of its international legal and regulatory framework. The expert contributors explore the key issues from a development perspective and through the lens of existing governance and policy systems with a view to articulating how these systems can be made more effective in dealing with the roots of food insecurity. The book considers the root causes of food insecurity before discussing the regulatory challenges inherent in reconciling food production and sustainability to ensure both adequate supply of and equitable access to food, particularly in light of emerging issues such as food price volatility, 'land grabbing' and the need to coordinate the actions of the multitude of actors that influence food policy and regulation. It highlights the need for more equitable, transparent and coherent policy and regulatory approaches to the myriad of issues that make up the food security challenge. This cross-cutting study will appeal to researchers in law, international relations, agricultural science and food systems, as well as to policy makers in government and international organisations that engage with policy and regulation of food security issues. It will also be essential reading for professionals in non-governmental organisations that are interested in development issues in general and food security in particular.

Rising to the Challenge Aug 07 2021 This book describes and explains the grand strategy China's leaders have adopted to pursue their country's interests in the international system of the 21st century

Climate Change and Energy Insecurity Apr 22 2020 Climate change is now recognised as one of the greatest challenges facing the international community and when coupled with energy production and use - the most significant contributor to climate change - and the related security problems the double threat to international security and human development is of the highest order. This wide-ranging book brings together leading thinkers from academia, government and civil society to examine and address the global insecurity and development challenges arising from the twin thrust of climate change and the energy supply crunch. Part one considers energy. It analyses the challenges of meeting future energy demands and the ongoing and future security-related conflicts over energy. Coverage includes security and development concerns related to the oil and gas, nuclear, bio-fuels and hydropower sectors, ensuring energy access for all and addressing sustainable consumption and production in both developed and rapidly industrializing countries such as India, China, Brazil and South Africa. Part two analyses how climate change contributes to global insecurity and presents a consolidated overview of the potential threats and challenges it poses to international peace and development. Coverage includes future water scenarios including a focus on scarcity in the Middle East, food security, biodiversity loss, land degradation, the changing economics of climate change, adaptation and the special case of small island states. The final part lays out the potential avenues and mechanisms available to the international community to address and avert climate and energy instability via the multilateral framework under the United Nations. It also addresses mechanisms for resource and knowledge transfer from industrialized to developing countries to ensure a low-carbon energy transition by focusing on the rapid deployment of clean energy technologies and ways to tackle income and employment insecurity created by the transition away from traditional energy sources. This book offers the most comprehensive international assessment of the challenges and solutions for tackling the global insecurity arising from climate change and energy provision and use. It is essential reading for students, researchers and professionals across international relations, security, climate change and the energy sectors.

Regional Economic Organizations and Conventional Security Challenges Nov 29 2020 Within the context of regional integration, comparative regionalism, organizational change, and regional security literatures, this book investigates three cases wherein regional economic organizations were confronted with conventional security threats: the 1978-91 Association of Southeast Asian Nations-Vietnam Standoff, the 1990 Economic Community of West Africa-Liberian Civil War Challenge, and the 1990-91 European Communities-Balkans Crisis. While the literature suggests multiple possible explanations for regional economic organizations' response to these security challenges, including systemic and power-related factors, organizational factors and functional needs, and cognitive and social factors, the author argues that the decision to transform a regional economic organization into a conventional security actor is most influenced by decision makers' perceptions of threat and functional necessity.

Bahrain, Oman, Qatar, And The Uae Jun 24 2020 This volume examines the changing economic and internal security challenges faced by the Gulf countries and the problems they face with Iran, Iraq, and other Gulf states. The special military and security needs of Bahrain, Oman, Qatar, and the United Arab Emirates are analyzed here in detail, as are their growing demographic problems and export plans.

Cloud Computing Security Mar 02 2021 This handbook offers a comprehensive overview of cloud computing security technology and implementation while exploring practical solutions to a wide range of cloud computing security issues. As more organizations use cloud computing and cloud providers for data operations, the need for proper security in these and other potentially vulnerable areas has become a global priority for organizations of all sizes. Research efforts from academia and industry as conducted and reported by experts in all aspects of security related to cloud computing are gathered within one reference guide. Features • Covers patching and configuration vulnerabilities of a cloud server • Evaluates methods for data encryption and long-term storage in a cloud server • Demonstrates how to verify identity using a certificate chain and how to detect inappropriate changes to data or system configurations John R. Vacca is an information technology consultant and internationally known author of more than 600 articles in the areas of advanced storage, computer security, and aerospace technology. John was also a configuration management specialist, computer specialist, and the computer security official (CSO) for NASA's space station program (Freedom) and the International Space Station Program from 1988 until his 1995 retirement from NASA.

Asia-Pacific Security Challenges Mar 14 2022 This edited book examines the contemporary regional security concerns in the Asia-Pacific recognizing the 'Butterfly effect', the concept that small causes can have large effects: 'the flap of a butterfly's wings can cause a typhoon halfway around the world'. For many Asia-Pacific states, domestic security challenges are at least as important as external security considerations. Recent events (both natural disasters and man-made disasters) have pointed to the inherent physical, economic, social and political vulnerabilities that exist in the region. Both black swan events and persistent threats to security characterize the challenges within the Asia-Pacific region. Transnational security challenges such as global climate change, environmental degradation, pandemics, energy security, supply chain security, resource scarcity, terrorism and organized crime are shaping the security landscape regionally and globally. The significance of emerging transnational security challenges in the Asia-Pacific Region impact globally and conversely, security developments in those other regions affect the Asia-Pacific region.

Radical Islam and International Security Dec 31 2020 Radical Islam poses a political challenge in the modern world which is like that of no other radical

religious movement. Ideologically, it is perceived by Western policy makers as threatening the liberal-democratic ideology by which most states in the West abide and which most other states rhetorically espouse. This book serves as a welcome addition to the intellectual and policy debate on the nature of the radical Islam phenomenon and how to respond to it. The collection is divided into three parts: the first part seeks to understand the Islamic challenge in broad comparative and historical terms, while the second part deals with specific regional case studies, which seek to identify patterns of uniformity and variation in radical Islam across a wide swath of terrain. The third part is policy-oriented, suggesting possible responses to the Islamic challenge. The contributors include distinguished researchers from Europe, North America and the Middle East. This book will be of much interest to students of Islamism, political violence, international security and Middle Eastern politics.

International Migration and Security Mar 22 2020 Every day newspapers in the Western world carry articles about illegal immigrants, asylum seekers and other migrants. The focus of these articles varies greatly from migrants as a threat to one or another important social or societal interest, to migrants as an important asset to those same interests. The tone is most often emotional - whichever way the focus goes. The overall impact is to confuse: is migration good or bad? In this book Guild and van Selm seek to investigate these value assessments regarding migrants in Europe, the USA, Canada and Australia. While looking at issues such as security, human rights, legal systems, identity, racism, welfare, health and labour, the authors also respond to critics of immigration.

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